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**NPDES AQUACULTURE ANNUAL REPORT
CANYON SPRINGS FARM
NPDES PERMIT # IDG13-0104
YEAR 2018
DATE: 1/18/19**

*EPA
sect 1/18/19*

I.

FACILITY OWNER: McCollum Enterprise, dba Canyon Springs
ADDRESS: P.O. Box 5492, Twin Falls, Idaho, 83303.
PHONE: (208) 732-5680.
E-MAIL: dave@canyonspringsgolf.com

FACILITY OPERATOR: McCollum Enterprise
ADDRESS: PO BOX 5492, Twin Falls, Idaho, 83303.
PHONE: (208) 732-5680
E-MAIL: dave@canyonspringsgolf.com

RECEIVED

JAN 30 2019

EPA - REGION 10
Office of Compliance and Enforcement

II.

ANNUAL FISH PRODUCTION SUMMARY:

Canyon Springs Farm produced fish from January 1st through December 31st. Canyon Springs is defined as a class 3 warmwater aquaculture facility under the current NPDES permit for aquaculture. Tilapia production for the entire year stated as harvested weight was approximately 225,856 pounds.

III.

FEED USAGE:

Pounds of food fed at Canyon Springs during the maximum month was estimated at 45859 pounds for the month of March 2018.

IV.

SUMMARY REPORT OF NON-COMPLIANCE:

No non-compliance events occurred during the period of January 1, through December 31.

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V.

BEST MANAGEMENT PRACTICES (BMP) PLAN:

The BMP Plan for Canyon Springs has been reviewed this year, and fulfills the requirements set forth in the permit.

VI.

SUMMARY OF LAND APPLICATIONS:

Facility effluent water was land applied by irrigation on the Canyon Springs Golf Course during the the period of March through November. Estimated water volume applied is calculated as:

Approximately up to a maximum,

1200 gpm for 12 hours daily for 8 months = 208 million gallons.

No dredging occurred during 2018.

VII.

OFFLINE SETTLING BASIN DISCHARGE FREQUENCY

Not applicable to the Canyon Springs farm.

VIII.

CHEMICAL USE SUMMARY:

See 2018 external treatment record attached to this report.

See 2018 internal treatment record attached to this report.

IX.

FISH IMPORTATION, TRANSPORT, AND RELEASE PERMITS:

None for 2018.

X.

INSPECTIONS AND REPAIRS FOR PRODUCTION AND WASTEWATER TREATMENT SYSTEMS.

Routine inspection, maintenance, and repairs to fish screens occurred during the year. Repairs to screens occurred throughout the year as needed. No repairs occurred to wastewater treatment system in 2018.

XI.

SUMMARY OF FEED PRACTICES:

Current feed used at this facility is:

Rangen fry feeds, 45% protein.

Rangen fingerling feeds 45% protein.

Rangen bulk production feed 5/32", 35% protein.

Feed was fed 4 times daily by hand at hatch-house, and 1 times per day by hand and with demand feeders at production ponds.

Percent Phosphorus contained in the feed is calculated at 1.0-1.2 % (Rangen Inc.).

V11.

CLEANING RECORD SUMMARY:

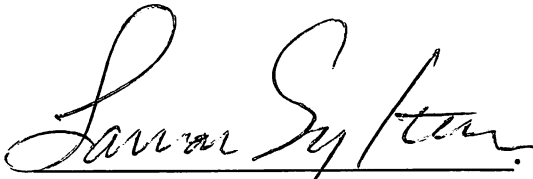
See 2018 pond cleaning record attached to this report.

V111.

SUMMARY OF NOTICE OF INTENT PRODUCTION CHANGES:

No production changes are anticipated at this time.

SIGNATURE OF PRINCIPLE OFFICER:

A handwritten signature in cursive script, reading "Lamar Sylten", written over a horizontal line.

**LAMAR SYLTEN
PRODUCTION MANAGER
MCCOLLUM ENTERPRISE**

DATE: 1/18/19.

SILVER CREEK FARMS, INC.
FARM OPERATIONS

EXTERNAL TREATMENT RECORD

FARM:

CS

YEAR:

2018

DATE	POND	CHEMICAL	DOSAGE	DURATION	COMMENTS
1/22, 24, 25	A3	KMnO4	2 ppm	30' flush	A/p, gill
1/24	A4	↓	↓	↓	↓
1/29, 1/30	A3	↓	↓	↓	↓
3/19	B2	KMnO4	2 ppm	30' flush	A/p, gill
4/2 & 3	A4	↓	↓	↓	↓
4/5, 9, 10, 16, 18, 23	A4	KMnO4	2 ppm	30'	A/p, gill
5/15, 16, 17, 21, 22	A4	KMnO4	2 ppm	30'	A/p, gill
6/4, 5, 6, 11, 14, 15	A3, A4	KMnO4	2 ppm	30'	A/p, gill
6/16, 19, 22, 26, 30, 7/2	A3, A4	↓	↓	↓	↓
7/3, 4, 5, 9, 10, 11, 12, 13	A3, A4	KMnO4	2 ppm	30'	A/p, gill
7/17, 18, 19, 20/18	A3	↓	↓	↓	↓
7/18, 20/18	A4	↓	↓	↓	↓
7/23, 24/18	A3, A4	↓	↓	↓	↓
7/30, 31, 8/1	A3, A4	↓	↓	↓	↓
8/3, 8/6, 8/7, 8/10	A3, A4	KMnO4	2 ppm	30' flush	A/p, gill
8/6	A4	↓	↓	↓	↓
8/10, 8/20 - 8/24	A3	↓	↓	↓	↓
8/13 - 8/17	A3	↓	↓	↓	↓
9/5	A3, A4	KMnO4	2 ppm	30'	A/p, Gill
9/16, 9/17	A4, A5	↓	↓	↓	↓
9/10, 11, 12	A4, A5	↓	↓	↓	↓
9/17, 18	A4	↓	↓	↓	↓
9/27, 28	A5	↓	↓	↓	↓
10/1, 10/15, 10/16, 10/17, 10/18, 10/19, 10/20, 10/21	A6	KMnO4	2 ppm	30'	A/p, Gill
10/11, 9, 18	A4	↓	↓	↓	↓
10/12, 16, 17, 18	A5	↓	↓	↓	↓
11/12	A3, A6	KMnO4	2 ppm	30'	A/p, Gill
11/19, 11/20	A3	↓	↓	↓	↓
11/26 - 11/29	A3	↓	↓	↓	↓
12/3, 4, 5	A3	KMnO4	2 ppm	30'	A/p, Gill
12/12, 14	A3	↓	↓	↓	↓
12/24, 26	A3	↓	↓	↓	↓

END 2018

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POND CLEANING RECORD

2018

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